



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/696,646	10/25/2000	Jouko Tenhunen	442-009870-US(PAR)	3188
2512	7590	01/26/2005	EXAMINER	
PERMAN & GREEN 425 POST ROAD FAIRFIELD, CT 06824			YUN, EUGENE	
			ART UNIT	PAPER NUMBER

2682

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/696,646

Applicant(s)

TENHUNEN, JOUKO

Examiner

Eugene Yun

Art Unit

2682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 October 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____.  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-8 and 13-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Amin (US 6,014,559) in view of Quinn (US 5,944,786).

Referring to Claim 1, Amin teaches a method for erasing a notification message in a terminal, which terminal communicates with a network over a radio interface, which method comprises:

storing a specific first information in a specific system outside the terminal 102 and 106 (fig. 1);

transmitting to the terminal over said radio interface a notification message as a sign of said storing (see col. 6, lines 10-13);

Amin does not teach storing said notification message in a memory of the terminal, wherein the method comprises:

contacting from the terminal a specific address for gaining access to said first information based on said notification message; and

erasing from the memory of the terminal said notification message in response to a specific procedure relating to said contacting.

Quinn teaches storing said notification message in a memory of the terminal (see col. 9, lines 18-21), wherein the method comprises:

contacting from the terminal a specific address for gaining access to said first information based on said notification message (see col. 9, lines 22-26); and

erasing from the memory of the terminal said notification message in response to a specific procedure relating to said contacting (see col. 9, lines 32-40).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Quinn to said method of Amin in order to better assure that a subscriber of a cellular network receives all waiting messages.

Claim 16 has similar limitations to Claim 1.

Referring to Claim 2, Amin also teaches the first information to which information said terminal gains access is stored in the specific system outside the terminal, for said terminal (see 102 and 106 in fig. 1).

Referring to Claim 3, Amin also teaches the first information as a message intended for the terminal, which is stored for the terminal in an electric format in the specific system outside the terminal (see col. 1, lines 59-67).

Referring to Claim 4, Amin also teaches the message intended for the terminal as one of the following: voice message; video recording message; multimedia message; fax; electronic mail message (see ABSTRACT).

Referring to Claim 5, Quinn also teaches said specific procedure in response to which said notification message is erased, is one of the following: initiation of contacting said specific address, establishment of contact; disconnecting (see col. 9, lines 32-40).

Art Unit: 2682

Referring to Claims 6 and 8, Quinn also teaches storing in the memory of the terminal said specific number by calling of which the call will connect to said system outside the terminal (see col. 9, lines 22-30);

checking when making a call from the terminal, whether the number which is called is said specific number by comparing the number which is called to said specific number stored in the terminal (see col. 9, lines 32-40); and

if the number which is called is said specific number, identifying from among the messages that originate from said system outside the terminal, and erasing the identified notification messages (see col. 9, lines 32-40).

Referring to Claim 7, Quinn also teaches wherein contacting from the terminal said specific address for gaining access to said first information is effected by making a call from the terminal to a specific number (see col. 9, lines 22-26); and

erasing the notification message is effected in response to one of the following procedures: making a call to said specific number; said specific system outside the terminal answering the call; terminating off said call (see col. 9, lines 32-40).

Referring to Claim 13, Amin also teaches the system outside the terminal is one of the following: voice mail system; video recording message system; multimedia messaging system; fax mailbox service; remove mail service (see 102 in fig. 1).

Referring to Claim 14, Amin also teaches the notification message as one of the following: SMS message; WAP message; message according a packet switched protocol (see col. 5, lines 13-16).

Referring to Claim 15, Amin also teaches the terminal as one of the following:  
telephone of a cellular network; computer terminal (see fig. 1).

3. Claims 9-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Amin and Quinn in view of Kaisto (WO 96/25817 "IDS").

Referring to Claim 9, the combination of Amin and Quinn does not teach at least two specific numbers by calling of which the call will connect to said system outside the terminal. Kaisto also teaches at least two specific numbers by calling of which the call will connect to said system outside the terminal (see pg. 11, lines 1-9). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teachings of Kaisto to said method of Amin in order to ensure a better connection to the outside system from the terminal.

Referring to Claim 10, Kaisto also teaches the identification of notification messages carried out by comparing the CLI data (Calling Line Identity) of the messages stored in the memory of the terminal to said specific number stored in the terminal (see pg. 12, lines 5-8).

Referring to Claim 11, Kaisto also teaches storing in advance in the memory of the terminal a reference file, which is for its essential parts identical to said notification message stored in the memory of the terminal (see pg. 14, lines 24-35 and pg. 15, lines 1-3);

said identification of notification messages is carried out by comparing the content of the messages stored in the memory of the terminal to the content of said reference message (see pg. 12, lines 25-35 and pg. 13, line 1).

Referring to Claim 12, Kaisto also teaches said notification message transmitted to and stored in the terminal comprising a message structure and in its message structure, a control bit pattern, which control bit pattern is used for identifying notification messages originating from the system outside the terminal (see pg. 15, lines 4-17).

### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1-16 have been considered but are moot in view of the new ground(s) of rejection.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eugene Yun whose telephone number is (703) 305-2689. The examiner can normally be reached on 8:30am-5:30pm Alt. Fridays off.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vivian Chin can be reached on (703) 308-6739. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2682

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

EY

  
Eugene Yun  
Examiner  
Art Unit 2682

  
VIVIAN CHIN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600